				Application Number	10/621,760	
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,,,,				First Named Inventor	Lewis, David	
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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number – Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevent Passages or Relevant Figures Appear
1.8		US-2003-0044983	03/06/2003	Herweljer et al.	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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ĺ	Examiner	 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Publication	Country or		Sub	Tra	nsl.	l
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	10.	WO 2002-10177 A1	02/07/2002	US	C071	9/117			

NON PATENT LITERATURE DOCUMENTS

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**U.S. PATENT DOCUMENTS** 

		Document Number			Pages, Columns, Lines, Where
Examiner	Cite	·	Publication Date	Name of Patentee or	Relevent Passages or
Initials	No.	Number - Kind Code	MM-DD-YYYY	Applicant of Cited Document	Relevant Figures Appear
2,6		US-5,744,335	04/28/1998	Wolff, Jon A. et al.	,
		US-6,180,784	01/30/2001	Wolff, Jon A. et al.	
		US-2003-0143204	07/03/2003	Lewis, David et al.	
116.		US-2003-0125281	07/03/2003	Lewis, David et al.	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examine r Initials	Document Number	Publication . Date	Country or Patent Office	Class	Sub Class	<u>Tra</u> yes	nsl. no

NON PATENT LITERATURE DOCUMENTS

	0::	NONTATENT EFFERNTORE DOCUMENTO				
Examiner Initials	Cite No.		Т			
1,0		Bernstein et al., "Role for a bidentate ribonuclease in the initiation step of RNA interference," Nature; Jan. 2001, vol. 409, pp. 363-366				
		Caplen et al., "dsRNA-mediated gene silencing in cultured drosophila cells: a tissue culture model for the analysis of RNA interference," Gene; 2000, vol. 252, pp. 95-105				
		Caplen et al., "Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems," PNAS; 2001, vol. 98, no. 17.				
		Catalanotto et al., "Gene silencing in worms and fungi," Nature; Mar. 2000, vol. 404, p. 245				
		Clemens et al., "The double-stranded RNA-dependent protein kinase PKR: structure and function," Journal of Interferon and Cytokine Research; 1997, vol. 17, pp. 503-524				
		Elbashir et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," Nature; May 2001, vol. 411, pp. 494-498				
		Elbashir et al., "RNA interference is mediated by 21- and 22-nucleotide RNAs," Genes and Development; 2001, vol. 15, pp. 188-200				
		Fagard et al., "AG01, QDE-2, and RDE-1 are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RNA interference in animals," PNAS; Oct. 2000, vol. 97, no. 21, pp. 11650-11654				
		Gao et al., "A novel cationic liposome reagent for efficient transfection of mammalian cells," Biochemical and Biophysical Research Communications; Aug. 1991, vol. 179, no. 1, pp. 280-285				
		Hamilton et al., "A species of small antisense RNA in posttranscriptional gene silencing in plants," Science; Oct. 1999, vol. 286, pp. 950-952				
		Hammond et al., "An RNA-directed nuclease mediates post-transcriptional gene silencing in drosophila cells," Nature; Mar. 2000, vol. 404, pp. 293-296				
1.0.		Hammond et al., "Post-transcriptional gene silencing by double-stranded				

Heaven spa

03/20/06

2,0	RNA," Nature; Feb. 2001, vol. 2, pp. 110-119	
	Ketting et al., "mut-7 of C. elegans, required for transposon silencing and	
^	RNA interference, is a homolog of Werner syndrome helicase and RnaseD,"	
	Cell; Oct. 1999, vol. 99, pp. 133-141	
	Leventis et al., "Interactions of mammalian cells with lipid dispersions	
	containing novel metabolizable cationic amphiphiles," Biochimica et	
	Biophysica Acta.; 1990, vol. 1023, pp. 124-132	
	Manche et al., "Interactions between double-stranded RNA regulators and the	
	protein kinase DAI," Molecular and Cellular Biology; Nov. 1992, vol. 12, no.	
	11, pp. 5238-5248	
	Minks et al., "Structural requirements of Double-Stranded RNA for the	
	activation of 2', 5'-oligo(A) polymerase and protein kinase of interferon-	
	treated HeLa Cells," The Journal of Biological Chemistry; Oct. 1979, vol.	
	254, no. 30, pp. 10180-10183	
	Parrish et al., "Functional anatomy of a dsRNA trigger: differential	
	requirement for the two trigger strands in RNA interference," Molecular Cell;	
	Nov. 2000, vol. 6, pp. 1077-1087	
	Player et al., "The 2-5 system: Modulation of Viral and cellular processes	
	through acceleration of RNA degradation," Pharmacol. Ther.; 1998, vol. 78,	
	no. 2, pp. 55-113	
1	Reidhaar-Olson et al., "The impact of genomics tools on target discovery,"	
	Current Drug Discovery; Apr. 2001	
	Sharp "RNAi and double-strand RNA," Genes and Development; 1999, vol.	
	13, pp. 139-141	
	Sharp et al., "RNA-Interference-2001," Genes and Development; 2001, vol.	
	15, pp. 485-490.	
	Stark et al., "How cells respond to interferons," Annu. Rev. Biochem.; 1998,	
	vol. 67, pp. 227-264	
	Summerton et al., "Morpholino and phosphorothioate antisense oligomers	
	compared in cell-free and in-cell systems," Antisense and Nucleic Acid Drug	
	Development; 1997, vol. 7, pp. 63-70	
	Svoboda et al., "Selective reduction of dormant maternal mRNAs in mouse	
	oocytes by RNA interference," Development; 2000, vol. 127, pp. 4147-4156	
	Tabara et al., "The rde-1 gene, RNA interference, and transposon silencing in	
	C. elegans," Cell; Oct. 1999, vol. 99, pp. 123-132	
	Tuschl et al., "Targeted mRNA degradation by double-stranded RNA in	
	vitro," Genes and Development; 1999, vol. 13, pp. 3191-3197	
	Wianny et al., "Specific interference with gene function by double-stranded	
	RNA in early mouse development," Nature Cell Biology; Feb. 2000, vol. 2,	
	pp. 70-75	
\	Yang et al., "Evidence that processed small dsRNAs may mediate sequence-	
	specific mRNA degradation during in drosophila embryos," Current Biology;	
<u> </u>	2000, vol. 10, pp. 1191-1200	
ا م ا	Zamore et al., "RNAi: Double-stranded RNA directs the ATP-dependent	
1,8-	cleavage of mRNA at 21 to 23 nucleotide intervals," Cell; Mar. 2000, vol.	
	101, pp. 25-33	l

Examiner Signature	Hearn	8 Na	Date Considered	03/30/06
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